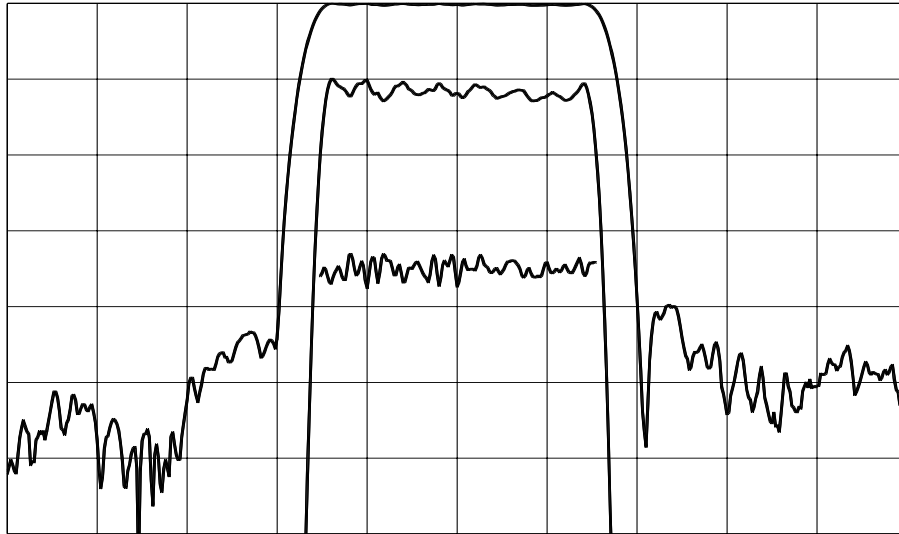




TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Group Delay 50 nsec/div

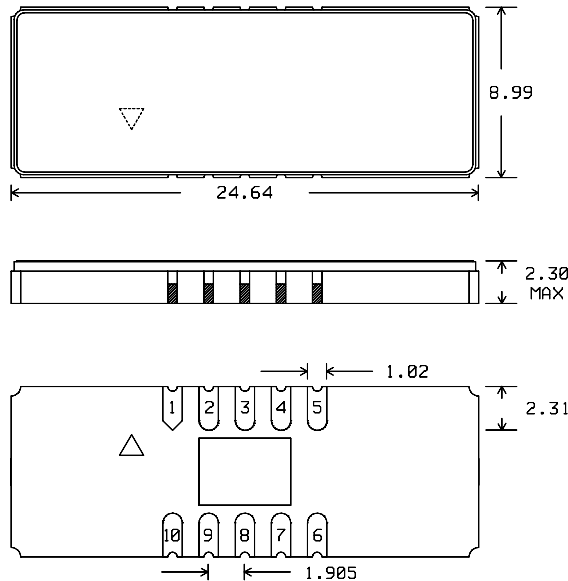
SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	43.95	44.00	44.05	MHz
Insertion Loss ²		25.00	26	dB
1 dB Bandwidth	7.45	7.75		MHz
3 dB Bandwidth	8.00			MHz
38 dB Bandwidth		10.00	10.5	MHz
Passband Amplitude Ripple ³		0.40	0.6	dB
Passband Phase Ripple ³		2.00	3	deg p-p
Passband GD Ripple ³			60	ns
Rejection (10-30.9 & 41.5 - 55) MHz	35	40		dB
Absolute Delay		2.00		us
Ambient Temperature		25		° C
Source / Load Impedance		50		Ω
Substrate Material	128 Lithium Niobate			

Notes:

1. Mean value of 3 dB Bandwidth points
2. Value at 44.0 MHz
3. Measured over Fc +/- 3.7 MHz

PACKAGE OUTLINE

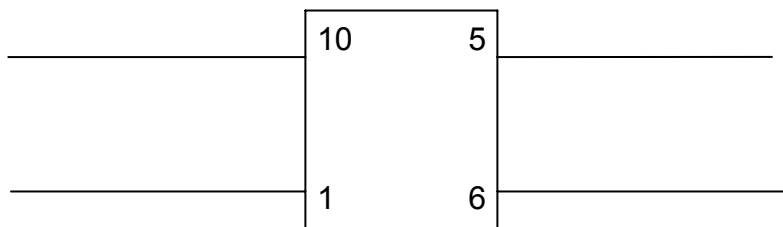


Units: mm

Pin Configuration:

- Input: 10
- Input Return: 1
- Output: 5
- Output Return: 6
- Ground: All other pins.

MATCHING CIRCUIT



No matching required

ISO 9001
Registered